IN THE CLAIMS

Please amend the claims as follows:

1.   (Currently Amended)   A method of granting access to content on a storage medium (101), said method comprising the steps of:

obtaining cryptographic data (Y) from a property (102) of the storage medium (101),:

reading helper data (W) from the storage medium (101),: and

granting the access based on an application of a delta-contracting function to the cryptographic data (Y) and the helper data (W).

2.   (Currently Amended)   The method of as claimed in claim 1, comprising wherein said method further comprises the step of:

deriving a decryption key (K) for decrypting the content at least from the application of the delta-contracting function.

3.   (Currently Amended)   The method of as claimed in claim 2, comprising wherein said step of deriving the a decryption key (K) further derives the decryption key from data supplied by a playback or recording apparatus (400).

4.   (Currently Amended)   The method of as claimed in claim 1, in whichwherein the access is granted if the output of the delta-

contracting function corresponds to a control value ~~(V)~~ recorded on the storage medium ~~(101)~~.

5. (Currently Amended) The method ~~of~~ as claimed in claim 4, ~~comprising~~ wherein said method further comprises the steps of:

        applying a cryptographic function to the output of the delta-contracting function; and

        comparing the output of the cryptographic function to the control value ~~(V)~~.

6. (Currently Amended) The method ~~of~~ as claimed in claim 5, ~~in which~~ wherein the cryptographic function is a one-way hash function.

7. (Currently Amended) The method ~~of~~ as claimed in claim 1, ~~in which~~ wherein the delta-contracting function involves a combination of a matrix multiplication on the cryptographic data ~~(Y)~~, a linear addition of at least a portion of the helper data ~~(W)~~, a quantization in which the quantization areas are defined by a portion of the helper data ~~(W)~~, and error correction decoding.

8. (Currently Amended) A device ~~(110)~~ arranged for granting access to content on a storage medium ~~(101)~~, said device comprising:

        first reading means ~~(112)~~ for obtaining cryptographic data ~~(Y)~~ from a property ~~(102)~~ of the storage medium ~~(101)~~;

second reading means (112) for reading helper data (W) from the storage medium (101),; and

access control means for granting the access based on an application of a delta-contracting function to the cryptographic data (Y) and the helper data (W).

9.   (Currently Amended)   A playback and/or recording apparatus (400) comprising:

playback/recording means for playing back and/or recording data to a storage medium; and

a device arranged for granting access to content on the storage medium, said device comprising:

first reading means for obtaining cryptographic data from a property of the storage medium;

second reading means for reading helper data from the storage medium; and

access control means for granting access to the storage medium by the playback/recording means based on an application of a delta-contracting function to the cryptographic data and the helper data (101) as claimed in claim 8 and arranged to effect the playback and/or recording if access is granted by the device (110).

10.   (Currently Amended)   A computer-readable medium having a computer program product recorded thereon, said computer program product being arranged to cause a processor to execute the method of claim 1.